

Title (en)

A safety device of a vehicle and a vehicle provided therewith

Title (de)

Sicherheitseinrichtung an einem Fahrzeug

Title (fr)

Dispositif de sécurité pour véhicule et véhicule équipé d'un tel dispositif

Publication

EP 1736380 A1 20061227 (EN)

Application

EP 06010428 A 20060519

Priority

- JP 2005182894 A 20050623
- JP 2005182895 A 20050623
- JP 2005182896 A 20050623

Abstract (en)

In a safety device of a vehicle, which includes fenders 2, 2 located at both sides of the vehicle to form a front side of the vehicle and a bonnet 5 covering an upper space between the fenders to form a front portion of the vehicle, there are provided a cowl portion 43 formed in a gutter shape having an opening upward, an actuator 30 operative to lift up a rear portion of the bonnet 5 relative to the vehicle body, and a bracket 60 to attach the actuator 30 to the vehicle body. Herein, the bracket 60 is placed on the vehicle body from above so as to be laid across the opening of the cowl portion 40. Accordingly, this safety device can improve the efficiency of operations of attaching the actuator 30 to the vehicle body.

IPC 8 full level

B60R 21/34 (2011.01); **B60R 21/38** (2011.01)

CPC (source: EP US)

B60R 21/38 (2013.01 - EP US)

Citation (applicant)

- JP H11348716 A 19991221 - NISSAN MOTOR
- JP 2005059779 A 20050310 - YANMAR CO LTD

Citation (search report)

- [X] DE 10259114 A1 20040701 - VOLKSWAGEN AG [DE]
- [X] EP 0967128 A2 19991229 - NISSAN MOTOR [JP]
- [DX] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 03 30 March 2000 (2000-03-30)

Cited by

US8768574B1; US8398125B2

Designated contracting state (EPC)

DE

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1736380 A1 20061227; **EP 1736380 B1 20080709**; DE 602006001692 D1 20080821; US 2006290172 A1 20061228; US 7537272 B2 20090526

DOCDB simple family (application)

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